

# INTEREST

HQ

1630

.10

.F8



Class HG 1636

Book .10  
F8

Copyright N°                     

COPYRIGHT DEPOSIT.







Sent by Edw. H. Frank  
301 Market St.  
Chinisa, N. Y.

# INTEREST

A COMBINED TEN PER  
CENT AND THOUS-  
AND DOLLAR IN-  
TEREST TABLE

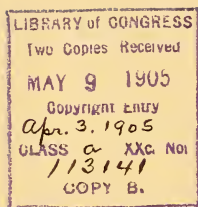


BY EDW. H. FRANK

ELMIRA, N. Y.

PUBLISHED BY AUTHOR

HG 1630  
.10  
.F 8



*5*  
*1641*

*Copyright 1905 by*  
*EDWARD HENRY FRANK.*

1  
C  
C  
C  
C  
C  
C  
C  
C  
C



## PREFACE.

A properly arranged ten per cent table stands a fair show of being found the best ready reckoner for interest.

To present such a table in the form best adapted to the varying ways in which it can be used is the object of this book.

Among its advantages will be found convenient arrangement, completeness, simplicity and brevity. It figures all rates, all amounts of principal and all periods of time within one year; at the same time presenting all references in any possible interest case, and for both its methods of computation, complete and together on a single line of the table.

It will be observed that the determinations of the table are computed to the nine figures of the decimal scale and that they are pointed for hundreds of dollars.

Determinations for thousands, tens, units, &c are obtained simply by moving the decimal point right or left as occasion may require.

The table is carried to a sufficient number of decimal places to secure accuracy in determining interest on all amounts up to \$20000.

A large number of the determinations figure out to entire accuracy ending in 0 or 5 in the second or third decimal place.

*All the others* assume the form of continued fractions consisting of the repetition of a single figure like 111 &c, 222 &c, 333 &c.

The table is, *in all instances*, carried out far enough to show what this repeated figure is; so that its determinations can readily be extended indefinitely, should occasion require or the preference of the operator suggest. In making such extensions it is to be remembered that the table stands computed to the nearest unit in the right hand place; so that, if the figure on the right is greater than 5, it must be reduced by unity in order to carry out the extension. That is if we have from the table 9.306 and wish to extend it becomes 9.305556

---

## THE TEN PER CENT METHOD.

This method consists in obtaining the interest for the given principal and time at 10% from the table and multiplying this by one tenth of the required rate.

For example, let it be required to find the interest on \$2750 for 5 months and 13 days at 3%. The operation is as follows:-

It is sufficient for accuracy if, after adding, we have our result correct to the nearest unit in cents place; provided we observe one simple precaution. Should the figure 5 appear in mills' place as a result of the multiplication, it must be rejected; if, after adding, our result was too large by the fractional inaccuracy; otherwise, it is to be allowed.

90.56
31.69
2.26
<hr/> 124.51
.3
<hr/> 37.35

The easiest way to secure accuracy in the addition is simply to hold in mind the balance between fractions allowed for and rejected in setting out determinations from the table.

### THE THOUSAND DOLLAR METHOD.

Thus far we have been considering the table as a straight ten per cent table. It may also be regarded as showing the interest on \$1000 at 1, 2, 3, 4, 5, 6, 7, 8 and 9 per cents respectively for the several columns.

If then in any case it be found that the determination corresponding to the given rate is very simple, so that multiplication by it would be extremely easy, all we have to do is to point three places to the left and multiply.

At this point we will present some fractional equivalents that will be found useful. Of course it will be understood that the decimals in the scale of ninths and 1-6 and 1-12 are continued fractions like those contained in the table. If then on the other hand it be found that the determination corresponding to the given rate is of complicated form, we can proceed to pull its continued fraction. This will usually make it look sick. A few illustrations taken from lines 5 ms. 13 das., 5 ms. 14 das. and 5 ms. 15 das. will show the manner and results of the operation.

4.5278	9.056	18.111	22.639	22.639	27.167=27 1-6
.7778	5.556	11.111	8.889 or	22.222	
<hr/> 3.75	<hr/> 3.5	<hr/> 7.	<hr/> 13.75	<hr/> .417	
				<hr/> .017	
				<hr/> .4	
31.694	36.222	4.5556	13.667	18.222	22.778
<hr/> 4.444	<hr/> 22.222	<hr/> 4.4444	<hr/> 1.667	<hr/> 2.222	<hr/> 22.222
<hr/> 27.25	<hr/> 14.	<hr/> .1111	<hr/> 12.	<hr/> 16.	<hr/> .556
31.889	36.444	4.5833	22.917	33.333	
<hr/> 8.889	<hr/> 4.444	<hr/> 3.3333	<hr/> 16.667	<hr/> 32.083	
<hr/> 23.	<hr/> 32.	<hr/> 1.25	<hr/> 6.25	<hr/> -1.25	

Again let it be required to find the interest on \$2750 for 5 months and 13 days at 3%.

$$\begin{array}{r} 13.583 \\ 3.333 \\ \hline 10.25 \end{array} \qquad \begin{array}{r} 3 \overline{) 27.50} \\ \underline{9.167} \\ 27.5 \\ \underline{.687} \\ 37.35 \end{array}$$

Another plan of multiplication is used by some with good effect. This takes it for granted that all we care about is to get our final result accurate to the nearest unit in cents place not concerning ourselves about accuracy beyond this point.

The general scheme is as follows: XX,XXXXX    The numbers  
5 4 3 2 1 u t

The operation by this plan for the same problem as before is as follows:

E. H. F.

				MONTHS						
	10%				DAYS					
\$100	\$200	\$300	\$400			\$500	\$600	\$700	\$800	\$900
.0278	.056	.083	.111		1	.139	.167	.194	.222	.25
.0556	.111	.167	.222		2	.278	.333	.389	.444	.50
.0833	.167	.25	.333		3	.417	.50	.583	.667	.75
.1111	.222	.333	.444		4	.556	.667	.778	.889	1.00
.1389	.278	.417	.556		5	.694	.833	.972	1.111	1.25
.1667	.333	.50	.667		6	.833	1.00	1.167	1.333	1.50
.1944	.389	.583	.778		7	.972	1.167	1.361	1.556	1.75
.2222	.444	.667	.889		8	1.111	1.333	1.556	1.778	2.00
.25	.50	.75	1.00		9	1.25	1.50	1.75	2.00	2.25
.2778	.556	.833	1.111		10	1.389	1.667	1.944	2.222	2.50
.3056	.611	.917	1.222		11	1.528	1.833	2.139	2.444	2.75
.3333	.667	1.00	1.333		12	1.667	2.00	2.333	2.667	3.00
.3611	.722	1.083	1.444		13	1.806	2.167	2.528	2.889	3.25
.3889	.778	1.167	1.556		14	1.944	2.333	2.722	3.111	3.50
.4167	.833	1.25	1.667		15	2.083	2.50	2.917	3.333	3.75
.4444	.889	1.333	1.778		16	2.222	2.667	3.111	3.556	4.00
.4722	.944	1.417	1.889		17	2.361	2.833	3.306	3.778	4.25
.50	1.00	1.50	2.00		18	2.50	3.00	3.50	4.00	4.50
.5278	1.056	1.583	2.111		19	2.639	3.167	3.694	4.222	4.75
.5556	1.111	1.667	2.222		20	2.778	3.333	3.889	4.444	5.00
.5833	1.167	1.75	2.333		21	2.917	3.50	4.083	4.667	5.25
.6111	1.222	1.833	2.444		22	3.056	3.667	4.278	4.889	5.50
.6389	1.278	1.917	2.556		23	3.194	3.833	4.472	5.111	5.75
.6667	1.333	2.00	2.667		24	3.333	4.00	4.667	5.333	6.00
.6944	1.389	2.083	2.778		25	3.472	4.167	4.861	5.556	6.25
.7222	1.444	2.167	2.889		26	3.611	4.333	5.056	5.778	6.50
.75	1.50	2.25	3.00		27	3.75	4.50	5.25	6.00	6.75
.7778	1.556	2.333	3.111		28	3.889	4.667	5.444	6.222	7.00
.8056	1.611	2.417	3.222		29	4.028	4.833	5.639	6.444	7.25
.8333	1.667	2.50	3.333	1		4.167	5.00	5.833	6.667	7.50
.8611	1.722	2.583	3.444		1	4.306	5.167	6.028	6.889	7.75
.8889	1.778	2.667	3.556		2	4.444	5.333	6.222	7.111	8.00
.9167	1.833	2.75	3.667		3	4.583	5.50	6.417	7.333	8.25
.9444	1.889	2.833	3.778		4	4.722	5.667	6.611	7.556	8.50
.9722	1.944	2.917	3.889		5	4.861	5.833	6.806	7.778	8.75
1.00	2.00	3.00	4.00		6	5.00	6.00	7.00	8.00	9.00
1.0278	2.056	3.083	4.111		7	5.139	6.167	7.194	8.222	9.25
1.0556	2.111	3.167	4.222		8	5.278	6.333	7.389	8.444	9.50
1.0833	2.167	3.25	4.333		9	5.417	6.50	7.583	8.667	9.75
1.1111	2.222	3.333	4.444		10	5.556	6.667	7.778	8.889	10.00



10%				MONTHS	DAYS	\$500	\$600	\$700	\$800	\$900
\$100	\$200	\$300	\$400							
1.1389	2.278	3.417	4.556	1	11	5.694	6.833	7.972	9.111	10.25
1.1667	2.333	3.50	4.667		12	5.833	7.00	8.167	9.333	10.50
1.1944	2.389	3.583	4.778		13	5.972	7.167	8.361	9.556	10.75
1.2222	2.444	3.667	4.889		14	6.111	7.333	8.556	9.778	11.00
1.25	2.50	3.75	5.00		15	6.25	7.50	8.75	10.00	11.25
1.2778	2.556	3.833	5.111		16	6.389	7.667	8.944	10.222	11.50
1.3056	2.611	3.917	5.222		17	6.528	7.833	9.139	10.444	11.75
1.3333	2.667	4.00	5.333		18	6.667	8.00	9.333	10.667	12.00
1.3611	2.722	4.083	5.444		19	6.806	8.167	9.528	10.889	12.25
1.3889	2.778	4.167	5.556		20	6.944	8.333	9.722	11.111	12.50
1.4167	2.833	4.25	5.667		21	7.083	8.50	9.917	11.333	12.75
1.4444	2.889	4.333	5.778		22	7.222	8.667	10.111	11.556	13.00
1.4722	2.944	4.417	5.889		23	7.361	8.833	10.306	11.778	13.25
1.50	3.00	4.50	6.00		24	7.50	9.00	10.50	12.00	13.50
1.5278	3.056	4.583	6.111		25	7.639	9.167	10.694	12.222	13.75
1.5556	3.111	4.667	6.222		26	7.778	9.333	10.889	12.444	14.00
1.5833	3.167	4.75	6.333		27	7.917	9.50	11.083	12.667	14.25
1.6111	3.222	4.833	6.444		28	8.056	9.667	11.278	12.889	14.50
1.6389	3.278	4.917	6.556		29	8.194	9.833	11.472	13.111	14.75
1.6667	3.333	5.00	6.667	2		8.333	10.00	11.667	13.333	15.00
1.6944	3.389	5.083	6.778		1	8.472	10.167	11.861	13.556	15.25
1.7222	3.444	5.167	6.889		2	8.611	10.333	12.056	13.778	15.50
1.75	3.50	5.25	7.00		3	8.75	10.50	12.25	14.00	15.75
1.7778	3.556	5.333	7.111		4	8.889	10.667	12.444	14.222	16.00
1.8056	3.611	5.417	7.222		5	9.028	10.833	12.639	14.444	16.25
1.8333	3.667	5.50	7.333		6	9.167	11.00	12.833	14.667	16.50
1.8611	3.722	5.583	7.444		7	9.306	11.167	13.028	14.889	16.75
1.8889	3.778	5.667	7.556		8	9.444	11.333	13.222	15.111	17.00
1.9167	3.833	5.75	7.667		9	9.583	11.50	13.417	15.333	17.25
1.9444	3.889	5.833	7.778		10	9.722	11.667	13.611	15.556	17.50
1.9722	3.944	5.917	7.889		11	9.861	11.833	13.806	15.778	17.75
2.00	4.00	6.00	8.00		12	10.00	12.00	14.00	16.00	18.00
2.0278	4.056	6.083	8.111		13	10.139	12.167	14.194	16.222	18.25
2.0556	4.111	6.167	8.222		14	10.278	12.333	14.389	16.444	18.50
2.0833	4.167	6.25	8.333		15	10.417	12.50	14.583	16.667	18.75
2.1111	4.222	6.333	8.444		16	10.556	12.667	14.778	16.889	19.00
2.1389	4.278	6.417	8.556		17	10.694	12.833	14.972	17.111	19.25
2.1667	4.333	6.50	8.667		18	10.833	13.00	15.167	17.333	19.50
2.1944	4.389	6.583	8.778		19	10.972	13.167	15.361	17.556	19.75
2.2222	4.444	6.667	8.889		20	11.111	13.333	15.556	17.778	20.00

10%				MONTHS	DAYS	\$500	\$600	\$700	\$800	\$900
\$100	\$200	\$300	\$400							
2.25	4.50	6.75	9.00	2	21	11.25	13.50	15.75	18.00	20.25
2.2778	4.556	6.833	9.111		22	11.389	13.667	15.944	18.222	20.50
2.3056	4.611	6.917	9.222		23	11.528	13.833	16.139	18.444	20.75
2.3333	4.667	7.00	9.333		24	11.667	14.00	16.333	18.667	21.00
2.3611	4.722	7.083	9.444		25	11.806	14.167	16.528	18.889	21.25
2.3889	4.778	7.167	9.556		26	11.944	14.333	16.722	19.111	21.50
2.4167	4.833	7.25	9.667		27	12.083	14.50	16.917	19.333	21.75
2.4444	4.889	7.333	9.778		28	12.222	14.667	17.111	19.556	22.00
2.4722	4.944	7.417	9.889		29	12.361	14.833	17.306	19.778	22.25
2.50	5.00	7.50	10.00	3		12.50	15.00	17.50	20.00	22.50
2.5278	5.056	7.583	10.111		1	12.639	15.167	17.694	20.222	22.75
2.5556	5.111	7.667	10.222		2	12.778	15.333	17.889	20.444	23.00
2.5833	5.167	7.75	10.333		3	12.917	15.50	18.083	20.667	23.25
2.6111	5.222	7.833	10.444		4	13.056	15.667	18.278	20.889	23.50
2.6389	5.278	7.917	10.556		5	13.194	15.833	18.472	21.111	23.75
2.6667	5.333	8.00	10.667		6	13.333	16.00	18.667	21.333	24.00
2.6944	5.389	8.083	10.778		7	13.472	16.167	18.861	21.556	24.25
2.7222	5.444	8.167	10.889		8	13.611	16.333	19.056	21.778	24.50
2.75	5.50	8.25	11.00	4	9	13.75	16.50	19.25	22.00	24.75
2.7778	5.556	8.333	11.111		10	13.889	16.667	19.444	22.222	25.00
2.8056	5.611	8.417	11.222		11	14.028	16.833	19.639	22.444	25.25
2.8333	5.667	8.50	11.333		12	14.167	17.00	19.833	22.667	25.50
2.8611	5.722	8.583	11.444		13	14.306	17.167	20.028	22.889	25.75
2.8889	5.778	8.667	11.556		14	14.444	17.333	20.222	23.111	26.00
2.9167	5.833	8.75	11.667		15	14.583	17.50	20.417	23.333	26.25
2.9444	5.889	8.833	11.778		16	14.722	17.667	20.611	23.556	26.50
2.9722	5.944	8.917	11.889		17	14.861	17.833	20.806	23.778	26.75
3.00	6.00	9.00	12.00	5	18	15.00	18.00	21.00	24.00	27.00
3.0278	6.056	9.083	12.111		19	15.139	18.167	21.194	24.222	27.25
3.0556	6.111	9.167	12.222		20	15.278	18.333	21.389	24.444	27.50
3.0833	6.167	9.25	12.333		21	15.417	18.50	21.583	24.667	27.75
3.1111	6.222	9.333	12.444		22	15.556	18.667	21.778	24.889	28.00
3.1389	6.278	9.417	12.556		23	15.694	18.833	21.972	25.111	28.25
3.1667	6.333	9.50	12.667		24	15.833	19.00	22.167	25.333	28.50
3.1944	6.389	9.583	12.778		25	15.972	19.167	22.361	25.556	28.75
3.2222	6.444	9.667	12.889		26	16.111	19.333	22.556	25.778	29.00
3.25	6.50	9.75	13.00	6	27	16.25	19.50	22.75	26.00	29.25
3.2778	6.556	9.833	13.111		28	16.389	19.667	22.944	26.222	29.50
3.3056	6.611	9.917	13.222		29	16.528	19.833	23.139	26.444	29.75
3.3333	6.667	10.00	13.333			16.667	20.00	23.333	26.667	30.00

10%				MONTHS	DAYS	\$ 500	\$ 600	\$ 700	\$ 800	\$ 900
\$ 100	\$ 200	\$ 300	\$ 400							
3.3611	6.722	10.083	13.444	4	1	16.806	20.167	23.528	26.889	30.25
3.3889	6.778	10.167	13.556		2	16.944	20.333	23.722	27.111	30.50
3.4167	6.833	10.25	13.667		3	17.083	20.50	23.917	27.333	30.75
3.4444	6.889	10.333	13.778		4	17.222	20.667	24.111	27.556	31.00
3.4722	6.944	10.417	13.889		5	17.361	20.833	24.306	27.778	31.25
3.50	7.00	10.50	14.00		6	17.50	21.00	24.50	28.00	31.50
3.5278	7.056	10.583	14.111		7	17.639	21.167	24.694	28.222	31.75
3.5556	7.111	10.667	14.222		8	17.778	21.333	24.889	28.444	32.00
3.5833	7.167	10.75	14.333		9	17.917	21.50	25.083	28.667	32.25
3.6111	7.222	10.833	14.444		10	18.056	21.667	25.278	28.889	32.50
3.6389	7.278	10.917	14.556		11	18.194	21.833	25.472	29.111	32.75
3.6667	7.333	11.00	14.667		12	18.333	22.00	25.667	29.333	33.00
3.6944	7.389	11.083	14.778		13	18.472	22.167	25.861	29.556	33.25
3.7222	7.444	11.167	14.889		14	18.611	22.333	26.056	29.778	33.50
3.75	7.50	11.25	15.00		15	18.75	22.50	26.25	30.00	33.75
3.7778	7.556	11.333	15.111		16	18.889	22.667	26.444	30.222	34.00
3.8056	7.611	11.417	15.222		17	19.028	22.833	26.639	30.444	34.25
3.8333	7.667	11.50	15.333		18	19.167	23.00	26.833	30.667	34.50
3.8611	7.722	11.583	15.444		19	19.306	23.167	27.028	30.889	34.75
3.8889	7.778	11.667	15.556		20	19.444	23.333	27.222	31.111	35.00
3.9167	7.833	11.75	15.667		21	19.583	23.50	27.417	31.333	35.25
3.9444	7.889	11.833	15.778		22	19.722	23.667	27.611	31.556	35.50
3.9722	7.944	11.917	15.889		23	19.861	23.833	27.806	31.778	35.75
4.00	8.00	12.00	16.00		24	20.00	24.00	28.00	32.00	36.00
4.0278	8.056	12.083	16.111		25	20.139	24.167	28.194	32.222	36.25
4.0556	8.111	12.167	16.222		26	20.278	24.333	28.389	32.444	36.50
4.0833	8.167	12.25	16.333		27	20.417	24.50	28.583	32.667	36.75
4.1111	8.222	12.333	16.444		28	20.556	24.667	28.778	32.889	37.00
4.1389	8.278	12.417	16.556		29	20.694	24.833	28.972	33.111	37.25
4.1667	8.333	12.50	16.667	5		20.833	25.00	29.167	33.333	37.50
4.1944	8.389	12.583	16.778		1	20.972	25.167	29.361	33.556	37.75
4.2222	8.444	12.667	16.889		2	21.111	25.333	29.556	33.778	38.00
4.25	8.50	12.75	17.00		3	21.25	25.50	29.75	34.00	38.25
4.2778	8.556	12.833	17.111		4	21.389	25.667	29.944	34.222	38.50
4.3056	8.611	12.917	17.222		5	21.528	25.833	30.139	34.444	38.75
4.3333	8.667	13.00	17.333		6	21.667	26.00	30.333	34.667	39.00
4.3611	8.722	13.083	17.444		7	21.806	26.167	30.528	34.889	39.25
4.3889	8.778	13.167	17.556		8	21.944	26.333	30.722	35.111	39.50
4.4167	8.833	13.25	17.667		9	22.083	26.50	30.917	35.333	39.75
4.4444	8.889	13.333	17.778		10	22.222	26.667	31.111	35.556	40.00



10%				MONTHS	DAYS	\$ 500	\$ 600	\$ 700	\$ 800	\$ 900
\$ 100	\$ 200	\$ 300	\$ 400							
4.4722	8.944	13.417	17.889	5	11	22.361	26.833	31.306	35.778	40.25
4.50	9.00	13.50	18.00		12	22.50	27.00	31.50	36.00	40.50
4.5278	9.056	13.583	18.111		13	22.639	27.167	31.694	36.222	40.75
4.5556	9.111	13.667	18.222		14	22.778	27.333	31.889	36.444	41.00
4.5833	9.167	13.75	18.333		15	22.917	27.50	32.083	36.667	41.25
4.6111	9.222	13.833	18.444		16	23.056	27.667	32.278	36.889	41.50
4.6389	9.278	13.917	18.556		17	23.194	27.833	32.472	37.111	41.75
4.6667	9.333	14.00	18.667		18	23.333	28.00	32.667	37.333	42.00
4.6944	9.389	14.083	18.778		19	23.472	28.167	32.861	37.556	42.25
4.7222	9.444	14.167	18.889		20	23.611	28.333	33.056	37.778	42.50
4.75	9.50	14.25	19.00		21	23.75	28.50	33.25	38.00	42.75
4.7778	9.556	14.333	19.111		22	23.889	28.667	33.444	38.222	43.00
4.8056	9.611	14.417	19.222		23	24.028	28.833	33.639	38.444	43.25
4.8333	9.667	14.50	19.333		24	24.167	29.00	33.833	38.667	43.50
4.8611	9.722	14.583	19.444		25	24.306	29.167	34.028	38.889	43.75
4.8889	9.778	14.667	19.556		26	24.444	29.333	34.222	39.111	44.00
4.9167	9.833	14.75	19.667		27	24.583	29.50	34.417	39.333	44.25
4.9444	9.889	14.833	19.778		28	24.722	29.667	34.611	39.556	44.50
4.9722	9.944	14.917	19.889		29	24.861	29.833	34.806	39.778	44.75
5.00	10.00	15.00	20.00	6		25.00	30.00	35.00	40.00	45.00
5.0278	10.056	15.083	20.111		1	25.139	30.167	35.194	40.222	45.25
5.0556	10.111	15.167	20.222		2	25.278	30.333	35.389	40.444	45.50
5.0833	10.167	15.25	20.333		3	25.417	30.50	35.583	40.667	45.75
5.1111	10.222	15.333	20.444		4	25.556	30.667	35.778	40.889	46.00
5.1389	10.278	15.417	20.556		5	25.694	30.833	35.972	41.111	46.25
5.1667	10.333	15.50	20.667		6	25.833	31.00	36.167	41.333	46.50
5.1944	10.389	15.583	20.778		7	25.972	31.167	36.361	41.556	46.75
5.2222	10.444	15.667	20.889		8	26.111	31.333	36.556	41.778	47.00
5.25	10.50	15.75	21.00		9	26.25	31.50	36.75	42.00	47.25
5.2778	10.556	15.833	21.111		10	26.389	31.667	36.944	42.222	47.50
5.3056	10.611	15.917	21.222		11	26.528	31.833	37.139	42.444	47.75
5.3333	10.667	16.00	21.333		12	26.667	32.00	37.333	42.667	48.00
5.3611	10.722	16.083	21.444		13	26.806	32.167	37.528	42.889	48.25
5.3889	10.778	16.167	21.556		14	26.944	32.333	37.722	43.111	48.50
5.4167	10.833	16.25	21.667		15	27.083	32.50	37.917	43.333	48.75
5.4444	10.889	16.333	21.778		16	27.222	32.667	38.111	43.556	49.00
5.4722	10.944	16.417	21.889		17	27.361	32.833	38.306	43.778	49.25
5.50	11.00	16.50	22.00		18	27.50	33.00	38.50	44.00	49.50
5.5278	11.056	16.583	22.111		19	27.639	33.167	38.694	44.222	49.75
5.5556	11.111	16.667	22.222		20	27.778	33.333	38.889	44.444	50.00



10%				MONTHS	DAYS	\$100	\$200	\$300	\$400	\$500	\$600	\$700	\$800	\$900
5.5833	11.167	16.75	22.333	6	21	27.917	33.50	39.083	44.667	50.25				
5.6111	11.222	16.833	22.444		22	28.056	33.667	39.278	44.889	50.50				
5.6389	11.278	16.917	22.556		23	28.194	33.833	39.472	45.111	50.75				
5.6667	11.333	17.00	22.667		24	28.333	34.00	39.667	45.333	51.00				
5.6944	11.389	17.083	22.778		25	28.472	34.167	39.861	45.556	51.25				
5.7222	11.444	17.167	22.889		26	28.611	34.333	40.056	45.778	51.50				
5.75	11.50	17.25	23.00		27	28.75	34.50	40.25	46.00	51.75				
5.7778	11.556	17.333	23.111		28	28.889	34.667	40.444	46.222	52.00				
5.8056	11.611	17.417	23.222		29	29.028	34.833	40.639	46.444	52.25				
5.8333	11.667	17.50	23.333	7		29.167	35.00	40.833	46.667	52.50				
5.8611	11.722	17.583	23.444		1	29.306	35.167	41.028	46.889	52.75				
5.8889	11.778	17.667	23.556		2	29.444	35.333	41.222	47.111	53.00				
5.9167	11.833	17.75	23.667		3	29.583	35.50	41.417	47.333	53.25				
5.9444	11.889	17.833	23.778		4	29.722	35.667	41.611	47.556	53.50				
5.9722	11.944	17.917	23.889		5	29.861	35.833	41.806	47.778	53.75				
6.00	12.00	18.00	24.00		6	30.00	36.00	42.00	48.00	54.00				
6.0278	12.056	18.083	24.111		7	30.139	36.167	42.194	48.222	54.25				
6.0556	12.111	18.167	24.222		8	30.278	36.333	42.389	48.444	54.50				
6.0833	12.167	18.25	24.333	8	9	30.417	36.50	42.583	48.667	54.75				
6.1111	12.222	18.333	24.444		10	30.556	36.667	42.778	48.889	55.00				
6.1389	12.278	18.417	24.556		11	30.694	36.833	42.972	49.111	55.25				
6.1667	12.333	18.50	24.667		12	30.833	37.00	43.167	49.333	55.50				
6.1944	12.389	18.583	24.778		13	30.972	37.167	43.361	49.556	55.75				
6.2222	12.444	18.667	24.889		14	31.111	37.333	43.556	49.778	56.00				
6.25	12.50	18.75	25.00		15	31.25	37.50	43.75	50.00	56.25				
6.2778	12.556	18.833	25.111		16	31.389	37.667	43.944	50.222	56.50				
6.3056	12.611	18.917	25.222		17	31.528	37.833	44.139	50.444	56.75				
6.3333	12.667	19.00	25.333	8	18	31.667	38.00	44.333	50.667	57.00				
6.3611	12.722	19.083	25.444		19	31.806	38.167	44.528	50.889	57.25				
6.3889	12.778	19.167	25.556		20	31.944	38.333	44.722	51.111	57.50				
6.4167	12.833	19.25	25.667		21	32.083	38.50	44.917	51.333	57.75				
6.4444	12.889	19.333	25.778		22	32.222	38.667	45.111	51.556	58.00				
6.4722	12.944	19.417	25.889		23	32.361	38.833	45.306	51.778	58.25				
6.50	13.00	19.50	26.00		24	32.50	39.00	45.50	52.00	58.50				
6.5278	13.056	19.583	26.111		25	32.639	39.167	45.694	52.222	58.75				
6.5556	13.111	19.667	26.222		26	32.778	39.333	45.889	52.444	59.00				
6.5833	13.167	19.75	26.333	8	27	32.917	39.50	46.083	52.667	59.25				
6.6111	13.222	19.833	26.444		28	33.056	39.667	46.278	52.889	59.50				
6.6389	13.278	19.917	26.556		29	33.194	39.833	46.472	53.111	59.75				
6.6667	13.333	20.00	26.667			33.333	40.00	46.667	53.333	60.00				

10%				MONTHS	DAYS					
\$100	\$200	\$300	\$400			\$500	\$600	\$700	\$800	\$900
6.6944	13.389	20.083	26.778	8	1	33.472	40.167	46.861	53.556	60.25
6.7222	13.444	20.167	26.889		2	33.611	40.333	47.056	53.778	60.50
6.75	13.50	20.25	27.00		3	33.75	40.50	47.25	54.00	60.75
6.7778	13.556	20.333	27.111		4	33.889	40.667	47.444	54.222	61.00
6.8056	13.611	20.417	27.222		5	34.028	40.833	47.639	54.444	61.25
6.8333	13.667	20.50	27.333		6	34.167	41.00	47.833	54.667	61.50
6.8611	13.722	20.583	27.444		7	34.306	41.167	48.028	54.889	61.75
6.8889	13.778	20.667	27.556		8	34.444	41.333	48.222	55.111	62.00
6.9167	13.833	20.75	27.667		9	34.583	41.50	48.417	55.333	62.25
6.9444	13.889	20.833	27.778		10	34.722	41.667	48.611	55.556	62.50
6.9722	13.944	20.917	27.889		11	34.861	41.833	48.806	55.778	62.75
7.00	14.00	21.00	28.00		12	35.00	42.00	49.00	56.00	63.00
7.0278	14.056	21.083	28.111		13	35.139	42.167	49.194	56.222	63.25
7.0556	14.111	21.167	28.222		14	35.278	42.333	49.389	56.444	63.50
7.0833	14.167	21.25	28.333		15	35.417	42.50	49.583	56.667	63.75
7.1111	14.222	21.333	28.444		16	35.556	42.667	49.778	56.889	64.00
7.1389	14.278	21.417	28.556		17	35.694	42.833	49.972	57.111	64.25
7.1667	14.333	21.50	28.667		18	35.833	43.00	50.167	57.333	64.50
7.1944	14.389	21.583	28.778		19	35.972	43.167	50.361	57.556	64.75
7.2222	14.444	21.667	28.889		20	36.111	43.333	50.556	57.778	65.00
7.25	14.50	21.75	29.00	9	21	36.25	43.50	50.75	58.00	65.25
7.2778	14.556	21.833	29.111		22	36.389	43.667	50.944	58.222	65.50
7.3056	14.611	21.917	29.222		23	36.528	43.833	51.139	58.444	65.75
7.3333	14.667	22.00	29.333		24	36.667	44.00	51.333	58.667	66.00
7.3611	14.722	22.083	29.444		25	36.806	44.167	51.528	58.889	66.25
7.3889	14.778	22.167	29.556		26	36.944	44.333	51.722	59.111	66.50
7.4167	14.833	22.25	29.667		27	37.083	44.50	51.917	59.333	66.75
7.4444	14.889	22.333	29.778		28	37.222	44.667	52.111	59.556	67.00
7.4722	14.944	22.417	29.889		29	37.361	44.833	52.306	59.778	67.25
7.50	15.00	22.50	30.00			37.50	45.00	52.50	60.00	67.50
7.5278	15.056	22.583	30.111		1	37.639	45.167	52.694	60.222	67.75
7.5556	15.111	22.667	30.222		2	37.778	45.333	52.889	60.444	68.00
7.5833	15.167	22.75	30.333		3	37.917	45.50	53.083	60.667	68.25
7.6111	15.222	22.833	30.444		4	38.056	45.667	53.278	60.889	68.50
7.6389	15.278	22.917	30.556		5	38.194	45.833	53.472	61.111	68.75
7.6667	15.333	23.00	30.667		6	38.333	46.00	53.667	61.333	69.00
7.6944	15.389	23.083	30.778		7	38.472	46.167	53.861	61.556	69.25
7.7222	15.444	23.167	30.889		8	38.611	46.333	54.056	61.778	69.50
7.75	15.50	23.25	31.00		9	38.75	46.50	54.25	62.00	69.75
7.7778	15.556	23.333	31.111		10	38.889	46.667	54.444	62.222	70.00



10%				MONTHS	DAYS					
\$ 100	\$ 200	\$ 300	\$ 400			\$ 500	\$ 600	\$ 700	\$ 800	\$ 900
7.8056	15.611	23.417	31.222	9	11	39.028	46.833	54.639	62.444	70.25
7.8333	15.667	23.50	31.333		12	39.167	47.00	54.833	62.667	70.50
7.8611	15.722	23.583	31.444		13	39.306	47.167	55.028	62.889	70.75
7.8889	15.778	23.667	31.556		14	39.444	47.333	55.222	63.111	71.00
7.9167	15.833	23.75	31.667		15	39.583	47.50	55.417	63.333	71.25
7.9444	15.889	23.833	31.778		16	39.722	47.667	55.611	63.556	71.50
7.9722	15.944	23.917	31.889		17	39.861	47.833	55.806	63.778	71.75
8.00	16.00	24.00	32.00		18	40.00	48.00	56.00	64.00	72.00
8.0278	16.056	24.083	32.111		19	40.139	48.167	56.194	64.222	72.25
8.0556	16.111	24.167	32.222	10	20	40.278	48.333	56.389	64.444	72.50
8.0833	16.167	24.25	32.333		21	40.417	48.50	56.583	64.667	72.75
8.1111	16.222	24.333	32.444		22	40.556	48.667	56.778	64.889	73.00
8.1389	16.278	24.417	32.556		23	40.694	48.833	56.972	65.111	73.25
8.1667	16.333	24.50	32.667		24	40.833	49.00	57.167	65.333	73.50
8.1944	16.389	24.583	32.778		25	40.972	49.167	57.361	65.556	73.75
8.2222	16.444	24.667	32.889		26	41.111	49.333	57.556	65.778	74.00
8.25	16.50	24.75	33.00		27	41.25	49.50	57.75	66.00	74.25
8.2778	16.556	24.833	33.111		28	41.389	49.667	57.944	66.222	74.50
8.3056	16.611	24.917	33.222		29	41.528	49.833	58.139	66.444	74.75
8.3333	16.667	25.00	33.333	11		41.667	50.00	58.333	66.667	75.00
8.3611	16.722	25.083	33.444		1	41.806	50.167	58.528	66.889	75.25
8.3889	16.778	25.167	33.556		2	41.944	50.333	58.722	67.111	75.50
8.4167	16.833	25.25	33.667		3	42.083	50.50	58.917	67.333	75.75
8.4444	16.889	25.333	33.778		4	42.222	50.667	59.111	67.556	76.00
8.4722	16.944	25.417	33.889		5	42.361	50.833	59.306	67.778	76.25
8.50	17.00	25.50	34.00		6	42.50	51.00	59.50	68.00	76.50
8.5278	17.056	25.583	34.111		7	42.639	51.167	59.694	68.222	76.75
8.5556	17.111	25.667	34.222		8	42.778	51.333	59.889	68.444	77.00
8.5833	17.167	25.75	34.333	12	9	42.917	51.50	60.083	68.667	77.25
8.6111	17.222	25.833	34.444		10	43.056	51.667	60.278	68.889	77.50
8.6389	17.278	25.917	34.556		11	43.194	51.833	60.472	69.111	77.75
8.6667	17.333	26.00	34.667		12	43.333	52.00	60.667	69.333	78.00
8.6944	17.389	26.083	34.778		13	43.472	52.167	60.861	69.556	78.25
8.7222	17.444	26.167	34.889		14	43.611	52.333	61.056	69.778	78.50
8.75	17.50	26.25	35.00		15	43.75	52.50	61.25	70.00	78.75
8.7778	17.556	26.333	35.111		16	43.889	52.667	61.444	70.222	79.00
8.8056	17.611	26.417	35.222		17	44.028	52.833	61.639	70.444	79.25
8.8333	17.667	26.50	35.333	13	18	44.167	53.00	61.833	70.667	79.50
8.8611	17.722	26.583	35.444		19	44.306	53.167	62.028	70.889	79.75
8.8889	17.778	26.667	35.556		20	44.444	53.333	62.222	71.111	80.00

10%				MONTHS	DAYS	\$500	\$600	\$700	\$800	\$900
\$100	\$200	\$300	\$400							
8.9167	17.833	26.75	35.667	10	21	44.583	53.50	62.417	71.333	80.25
8.9444	17.889	26.833	35.778		22	44.722	53.667	62.611	71.556	80.50
8.9722	17.944	26.917	35.889		23	44.861	53.833	62.806	71.778	80.75
9.00	18.00	27.00	36.00		24	45.00	54.00	63.00	72.00	81.00
9.0278	18.056	27.083	36.111		25	45.139	54.167	63.194	72.222	81.25
9.0556	18.111	27.167	36.222		26	45.278	54.333	63.389	72.444	81.50
9.0833	18.167	27.25	36.333		27	45.417	54.50	63.583	72.667	81.75
9.1111	18.222	27.333	36.444		28	45.556	54.667	63.778	72.889	82.00
9.1389	18.278	27.417	36.556		29	45.694	54.833	63.972	73.111	82.25
9.1667	18.333	27.50	36.667	11		45.833	55.00	64.167	73.333	82.50
9.1944	18.389	27.583	36.778		1	45.972	55.167	64.361	73.556	82.75
9.2222	18.444	27.667	36.889		2	46.111	55.333	64.556	73.778	83.00
9.25	18.50	27.75	37.00		3	46.25	55.50	64.75	74.00	83.25
9.2778	18.556	27.833	37.111		4	46.389	55.667	64.944	74.222	83.50
9.3056	18.611	27.917	37.222		5	46.528	55.833	65.139	74.444	83.75
9.3333	18.667	28.00	37.333		6	46.667	56.00	65.333	74.667	84.00
9.3611	18.722	28.033	37.444		7	46.806	56.167	65.528	74.889	84.25
9.3889	18.778	28.167	37.556		8	46.944	56.333	65.722	75.111	84.50
9.4167	18.833	28.25	37.667		9	47.083	56.50	65.917	75.333	84.75
9.4444	18.889	28.333	37.778		10	47.222	56.667	66.111	75.556	85.00
9.4722	18.944	28.417	37.889		11	47.361	56.833	66.306	75.778	85.25
9.50	19.00	28.50	38.00		12	47.50	57.00	66.50	76.00	85.50
9.5278	19.056	28.583	38.111		13	47.639	57.167	66.694	76.222	85.75
9.5556	19.111	28.667	38.222		14	47.778	57.333	66.889	76.444	86.00
9.5833	19.167	28.75	38.333		15	47.917	57.50	67.083	76.667	86.25
9.6111	19.222	28.833	38.444		16	48.056	57.667	67.278	76.889	86.50
9.6389	19.278	28.917	38.556		17	48.194	57.833	67.472	77.111	86.75
9.6667	19.333	29.00	38.667		18	48.333	58.00	67.667	77.333	87.00
9.6944	19.389	29.083	38.778		19	48.472	58.167	67.861	77.556	87.25
9.7222	19.444	29.167	38.889		20	48.611	58.333	68.056	77.778	87.50
9.75	19.50	29.25	39.00		21	48.75	58.50	68.25	78.00	87.75
9.7778	19.556	29.333	39.111		22	48.889	58.667	68.444	78.222	88.00
9.8056	19.611	29.417	39.222		23	49.028	58.833	68.639	78.444	88.25
9.8333	19.667	29.50	39.333		24	49.167	59.00	68.833	78.667	88.50
9.8611	19.722	29.583	39.444		25	49.306	59.167	69.028	78.889	88.75
9.8889	19.778	29.667	39.556		26	49.444	59.333	69.222	79.111	89.00
9.9167	19.833	29.75	39.667	12	27	49.583	59.50	69.417	79.333	89.25
9.9444	19.889	29.833	39.778		28	49.722	59.667	69.611	79.556	89.50
9.9722	19.944	29.917	39.889		29	49.861	59.833	69.806	79.778	89.75
10.00	20.00	30.00	40.00			50.00	60.00	70.00	80.00	90.00















HF 5687

LIBRARY OF CONGRESS



0 021 051 016 3